

EPS

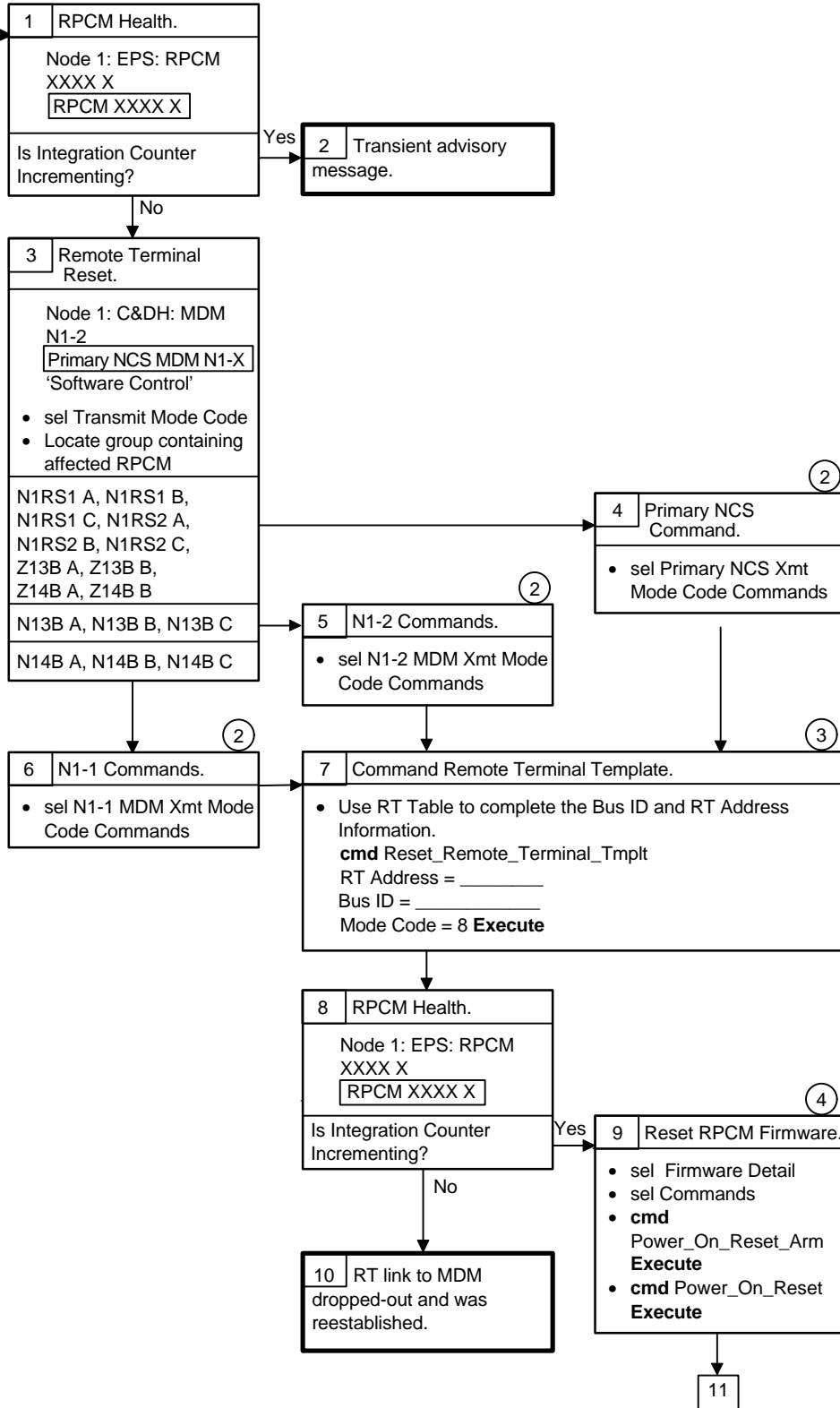
RPCM LOSS OF COMM

ADVISORY

Advisory

①

RPCM XXXX X
Loss of Comm



①

The driver for the RPCM Loss of Comm advisory in the NCS is a static RPCM Integration Counter.

②

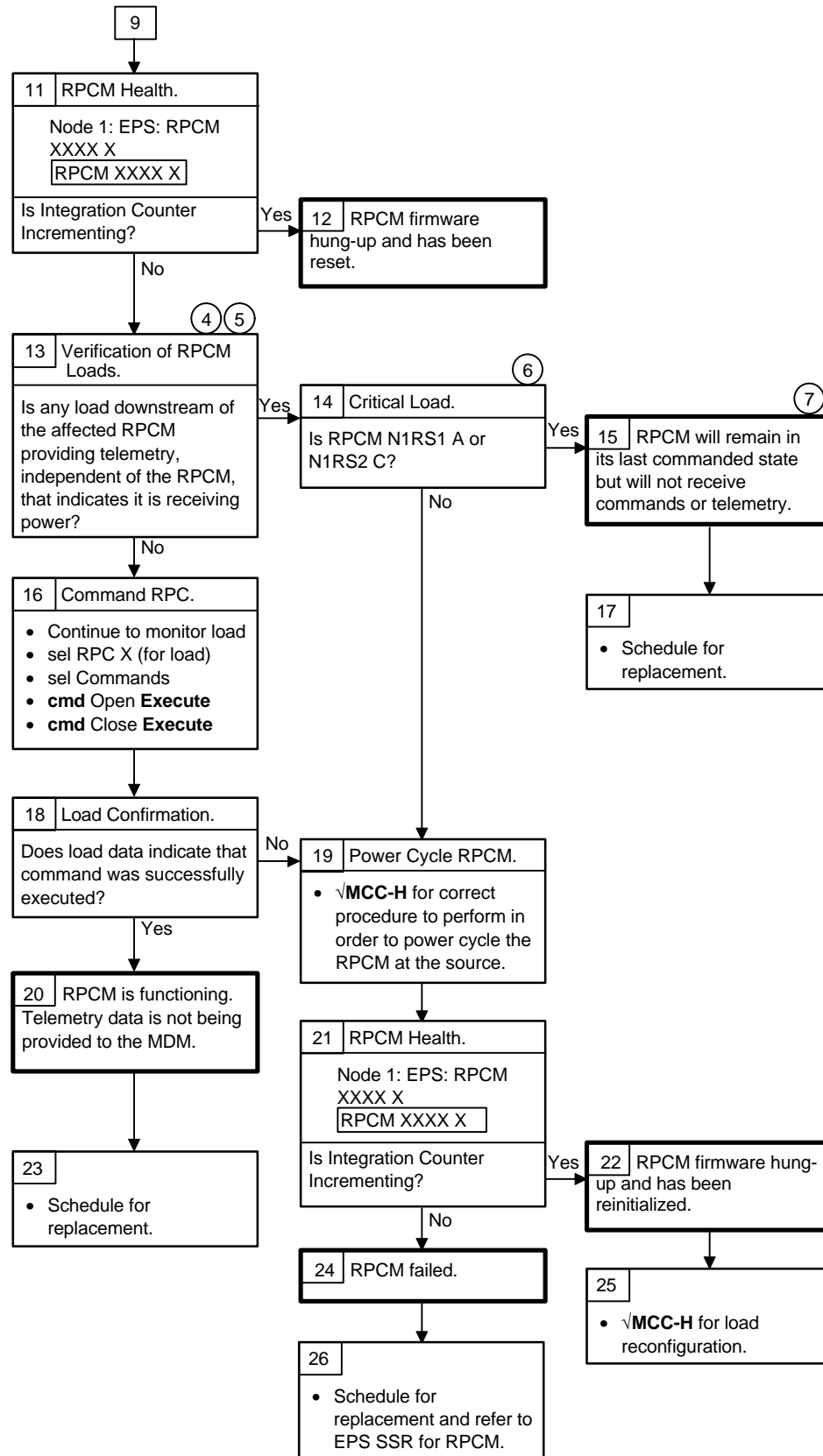
Although there is a different path for each command type, the three command windows look the same. The only visible difference in the template windows is that the valid Bus ID for a given window is listed in the window.

③

The Reset Remote Terminal Mode Code is always equal to 8.

④

The RPCM Power On Reset command will remove any previously established 4.



(4) Refer to Power Connectivity Table (SODF: Reference Data) for downstream loads.

(5) Possible confirming power indications include: MDM Frame Counter, Shell Temperatures, and Lights.

(6) RPCMs N1RS1 A and N1RS2 C provide power to the MDM N1-1 and MDM N1-2. Power cycling an RPCM with a known firmware problem may cause complete loss of the RPCM.

(7) Monitor upstream power indications since insight to the RPCM is lost. Refer to Power Bus Connectivity Reference Data for upstream power source - far left field, bold type. 8.

EPS**RPCM LOSS OF COMM (Cont)**

RPCM RT TABLE

| RPCM | Bus Name | Bus ID | RT Address | Reset Remote Terminal Mode Code |
|---------|-----------|--------|------------|---------------------------------------|
| N1RS1 A | UB EPS 14 | 2 | 20 | 8 |
| N1RS1 B | UB EPS 14 | 2 | 19 | 8 |
| N1RS1 C | UB EPS 14 | 2 | 18 | 8 |
| N1RS2 A | UB EPS 23 | 3 | 20 | 8 |
| N1RS2 B | UB EPS 23 | 3 | 19 | 8 |
| N1RS2 C | UB EPS 23 | 3 | 18 | 8 |
| N13B A | SYS LAB 2 | 11 | 20 | 8 |
| N13B B | SYS LAB 2 | 11 | 19 | 8 |
| N13B C | SYS LAB 2 | 11 | 18 | 8 |
| N14B A | SYS LAB 1 | 11 | 20 | 8 |
| N14B B | SYS LAB 1 | 11 | 19 | 8 |
| N14B C | SYS LAB 1 | 11 | 18 | 8 |
| Z13B A | UB EPS 23 | 3 | 12 | 8 |
| Z13B B | UB EPS 23 | 3 | 11 | 8 |
| Z14B A | UB EPS 14 | 2 | 12 | 8 |
| Z14B B | UB EPS 14 | 2 | 11 | 8 |

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